

June 28, 2009

U.S. Environmental Protection Agency, Region 1  
Water Technical Unit (SEW)  
One Congress Street, Suite 1100  
Boston, Massachusetts 02114-8127

**RE: May 2010 Re-Certification of "Believed Absent" Status  
NPDES Remediation General Permit Authorization # MAG910117**

JUL 15 2010

Dear Sir or Madam:

This report presents the May 2010 results for the re-certification of the "believed absent" status as required in Part I.C.8.b of the NPDES Remediation General Permit (RGP) for the permanent water treatment system for the Phase I parking garage (Kendall Square Garage) located in Cambridge, Massachusetts. This treatment system is operating under RGP Authorization # MAG910117, which was modified by USEPA Region 1 on October 21, 2008 (the effluent monitoring program was reduced).

The Kendall Square Garage water treatment system influent was sampled on May 25, 2010 for the constituents listed on RGP Permit Table V Section 1.B Fuel Oils (and Other Oils) Sites. This list of constituents for re-certification sampling was agreed to by George Papadopoulos of the United States Environmental Protection Agency (USEPA) in a conversation with Jennifer Atkins of AECOM Environment on July 13, 2006. Table 1 summarizes the influent results and a copy of the analytical report is attached.

Total iron and zinc were detected in the influent to the treatment system during the May 2010 sampling event. The history of detections from the semiannual influent sampling events is as follows:

Parameter	No. of Samples	No. of Detections	Min. Detection (µg/L)	Max. Detection (µg/L)
Iron	8	8	373	1,050
Zinc	8	8	33	70
Nickel	8	2	3	7
Chromium (total)	8	1 *	2	-

\* Note: Hexavalent chromium has not been detected in any of the semiannual sampling events.

The other required parameters have not been detected in the influent samples during any of the semiannual sampling events.

Therefore, we will continue to monitor these parameters during the semiannual "believed absent" re-certification influent sampling and will not add them to the routine effluent sampling, unless USEPA directs otherwise.

If you have any questions, please call Jennifer Atkins of AECOM at (978) 589-3457.

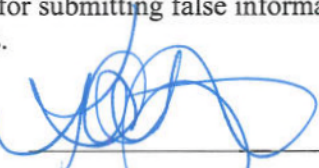
Regards,

cc: MADEP Northeast Regional Office (RTN 3-4570)  
J. Atkins – AECOM  
E. Walsh, MIRA Development  
S. DeLiddo, BioMed Realty

**Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature



7/12/10

Print Name

Karen A. Sztraider

Date

SS  
7-1-10

**May 2010 Recertification of "Believed Absent" Status**  
**Analytical Data Summary**  
**Kendall Square Garage Water Treatment System**  
**364 Third Street, Cambridge, MA**  
**Remediation General Permit Authorization # MAG910117**

**Garage Water Treatment System**

Sample Date	RGP Permit Limit	05/25/10
Sample Location	(without dilution factor)	Garage - Influent
<b>Volatile Organic Compounds (ug/L)</b>		
Acetone	monitor	<5
<b>Semivolatile Organic Compounds (ug/L)</b>		
Benzo(a)anthracene	ML	<1
Benzo(a)pyrene	ML	<1
Benzo(b)fluoranthene	ML	<1
Benzo(k)fluoranthene	ML	<1
Chrysene	ML	<1
Dibenzo(a,h)anthracene	ML	<1
Indeno(1,2,3-cd)pyrene	ML	<1
Total Group II PAHs	100	ND
<b>Metals (ug/L)</b>		
Nickel	29.0	<5
Zinc	66.6	33
Iron	1000	373
Chromium	n/a	<5
Chromium VI (hexavalent)	11.4	<10
Chromium III (trivalent)	48.8	<10

**Notes:**

1. < # = not detected above the given detection limit
2. ND = not detected
3. ML = Minimum level of test method
4. n/a = not applicable